ABSTRACT

The safety belt buckle, comprising interlocking receiving and inserted parts, the inserted part having the tongue including the opening at the tip of the tongue , the said tip of the tongue adapted to be received in the receiving part, the receiving part enclosed in the protective housing and comprising the U -shaped frame, the front part of which provides two symmetrically bent-inwards and facing each other portions of the flank walls of the frame, the said frame including the latch formed as a bent plate, the said latch having recesses in its side walls for supporting the blocking device, the front side of the said latch comprising the tooth arranged to interact with the opening in the tongue and with the opening in the base of the frame, the back side of the said latch providing laterally symmetrical longitudinal projections freely arranged in the slots located in the side walls of the frame, the blocking device for blocking the latch, the said blocking device moveable within oblong apertures in the direction parallel both to itself and the base of the frame, the release button with side walls having slots for capturing the blocking device, the pusher with pushing spring interacting with the tongue of the buckle, the spring of the blocking device arranged to act on the said blocking device, and the anchoring elements for securing the buckle to the body of a motor vehicle. The latch comprises additionally two supports for the blocking device, the said supports are so arranged by one of the sides of recesses of the latch that the supports for the blocking device and the front edge of recesses of side walls of the latch define a gap in between them, and the height of the supports for the blocking device in the side walls of the latch is equal or exceeds the value of the depth of recesses at the said side walls of the latch., and the blocking device supports make an acute angle with a longitudinal axis of the latch.

2 claims 5 Drawing Sheets